JC03 Rec'd PCT/PTO 09 MAY 2009

	PARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER					
TRANSMITTAL LETTER DESIGNATED/ELECTE CONCERNING A FILIN	14633.0007USWO						
	,	U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) Unknown 10 / 5 3 4 3 4 4					
INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED					
PCT/JP2003/014181	7 November 2003	15 November 2002					
TITLE OF INVENTION							
A METHOD FOR DEUTERATION OF A H	ETEROCYCLIC RING						
APPLICANT(S) FOR DO/EO/US							
ITO et al.							
Applicant herewith submits to the United States De	esignated/Elected Office (DO/EO/US) the followin	g items and other information:					
2. [] This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. [X] This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(l). 4. [] A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date. 5. [X] A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. [] is transmitted herewith (required only if not transmitted by the International Bureau). b. [X] has been transmitted by the International Bureau. c. [] is not required, as the application was filed in the United States Receiving Office (RO/US) 6. [X] A translation of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. [] are transmitted herewith (required only if not transmitted by the International Bureau). b. [] have been transmitted by the International Bureau. c. [] have not been made; however, the time limit for making such amendments has NOT expired. d. [X] have not been made and will not be made. [] A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). [X] A signed oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).							
(35 U.S.C. 371(c)(5)). Items 11. to 16. below concern document(s) or in	formation included:						
11. [X] An Information Disclosure Statement und		S.					
12. [X] An assignment document for recording. A	A separate cover sheet in compliance with 37 CFR	3.28 and 3.31 is included.					
[X] A FIRST preliminary amendment. [] A SECOND of SUBSEQUENT prel	iminary amendment.						
14. [] A substitute specification.							
15. [] A change of power of attorney and/o	r address letter.						
 [X] Other items or information: International Japanese language), Form PCT/IB/304, Form PCT 		cation Data Sheet (5 pages), Form PCT/ISA/210 (in					

JC06 Rec'd PCT/PTO 09 MAY 2005

REGISTRATION NUMBER: 30,300

U.S. APPLICATION NO. (If known are 37 C.E.R. 1.5) INTERNATIONAL APPLICATION NO.			ATTORNEY'S DOCKET NUMBER					
U.S. APPLICATION NO. (If known see 37 C.E.R. 1.5) Unknown 10/534344 INTERNATIONAL APPLICATION NO. PCT/JP2003/014181				7 November 2003				
BASIC NATIONAL FEE (37 CFR 1.492(a) (1)-(5)):								
[X] a) Basic National fee\$300.00					\$300.00			
[X] b) Examination fee\$200.00				\$200.00				
[X] c) Search fee\$500.00				\$500.00				
TOTAL OF ABOVE CALCULATIONS =					\$1000.00			
Additional fee for specification and drawings filed in paper over 100 sheets (excluding								
sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.								
Total Shee			xtra Sheets	,	of each additional 50 or	Rate		
}					thereof (round up to a whole number			
42 -10	00 =	0	/50 =		whole number		\$0.00	
		L		oath or decl	aration later than [] 20 [X \$250.00	\$0.00	
			claimed priori			100	40.00	
CLA	IMS		NUMBEI	R FILED	NUMBER EXTRA	RATE		
Total claims			6	-20 =	0	X \$50.00	\$0.00	
Independent	claim	ıs	1	-3 =	0	X \$200.00	\$0.00	
MULTIPLE	DEPI	ENDE	NT CLAIM(S)) (if applicab	le)	+ \$360.00	\$0.00	
TOTAL OF ABOVE CALCULATIONS =					\$1000.00			
Reduction by 1/2 for filing by small entity, if applicable. Small entity status is claimed								
pursuant to 37 CFR 1.27				\$0.00				
SUBTOTAL =					\$1000.00			
Processing fee of \$130.00 for furnishing the English translation later than [] 20 [] 30 months from the earliest claimed priority date (37 CFR 1.492(f).					\$0.00			
TOTAL NATIONAL FEE =					\$1000.00			
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +					\$40.00			
TOTAL FEES ENCLOSED =				 				
					1011121220		Amount to be:	
						refunded	\$0.00	
						charged	\$0.00	
a. [X] Ch	eck(s)	in the	amount of \$10	040.00 to cov	er the above fees is enclo	sed.		
b. [] Please charge the amount of \$to cover the required filing fee for a large entity to the credit card listed on the enclosed credit card authorization form.								
c. [X] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-3478.								
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.								
SEND ALL CORRESPONDENCE TO:								
Douglas P. Mueller Hamre, Schumann, Mueller & Larson, P.C. SIGNATURE:							/ \	
P.O. Box 2902-0902								
Minneapolis, MN 55402 NAME: Douglas P. Mueller								

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

ITO et al.

Docket:

14633.0007USWO

Title:

A METHOD FOR DEUTERATION OF A HETEROCYCLIC RING

CERTIFICATE UNDER 37 CFR 1.10:
"Express Mail" mailing label number: ED 769614118 US

Date of Deposit: MAY 9, 2005

I hereby certify that this paper or fee is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Commissioner for Patents P.O. Box

1450 Alexandria, Virginia 22313-1450.

Name: RAQUEL ZAMORANO

Mail Stop PCT Commissioner for Patents P.O. Box 1450

Alexandria, Virginia 22313-1450

Sir:

We are transmitting herewith the attached:

- ☐ Transmittal sheet, in duplicate, containing Certificate under 37 CFR 1.10.
- National Stage PCT Patent Application: Spec. 40 pgs; 6 claims; Abstract 1 pgs. The fee has been calculated as shown below in the 'Claims as Filed' table.
- A signed Combined Declaration and Power of Attorney
- Assignment of the invention to Wako Pure Chemical Industries, Ltd., Recordation Form Cover Sheet
- Check in the amount of \$1040.00 to cover the Filing Fee and Assignment Recording Fee
- ☐ Information Disclosure Statement, Form 1449, 4 references.
- Application Data Sheet, 5 pages.
- Other: Form PTO-1390, International Publication page of WO 2004/046066, Preliminary Amendment, Form PCT/ISA/210 (in Japanese language), Form PCT/IB/304, Form PCT/IB/308.
- Return postcard

CLAIMS AS FILED

Number of Claims Filed	No.	In Excess of		Extra		Rate		Fee
Total Claims	6	20		0		50.00	11	0.00
Independent Claims	1	3		0		200.00	=	0.00
Multiple Dependent Claims Fee							=	0.00
Basic Filing Fee								300.00
Search Fee								500.00
Examination Fee					_		=	200.00
Utility Application Size Fee	42	100		0		250.00	=	0.00
Total								1000.00

Please charge any additional fees or credit overpayment to Deposit Account No. 50-3478. A duplicate of this sheet is enclosed.

Hamre, Schumann, Mueller & Larson, P.C. P.O. Box 2902-0902 Minneapolis, MN 55402 612.455-3800

Name: Douglas P. Mueller

Reg. No.: 30,300 Initials: DPM:nel

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